Sequence Listing

<110> Ashkenazi, Avi J.
Chuntharapai, Anan
Kim, K. Jin

<120> APO-2 RECEPTOR

<130> P1101P2 US

<140> US 09/396,710
<141> 1999-09-15

<150> US 09/096,637
<151> 1998-06-12

<150> US 09/020,746
<151> 1998-02-08

<160> 11

<210> 1
<211> 411
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> 410
<223> Xaa = Leu or Met

<400> 1

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Met Glu Gln Arg Gly Gln Asn Ala Pro Ala Ala Ser Gly Ala Arg
 1               5                  10                  15

Lys Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro
            20                  25                  30

Gly Leu Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val
        35                  40                  45

Leu Leu Leu Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp
    50                  55                  60

Leu Ala Pro Gln Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser
65                  70                  75

Pro Ser Glu Gly Leu Cys Pro Pro Gly His His Ile Ser Glu Asp
            80                  85                  90

Gly Arg Asp Cys Ile Ser Cys Lys Tyr Gly Gln Asp Tyr Ser Thr
        95                  100                 105

His Trp Asn Asp Leu Leu Phe Cys Leu Arg Cys Thr Arg Cys Asp
    110                 115                 120

Ser Gly Glu Val Glu Leu Ser Pro Cys Thr Thr Thr Arg Asn Thr
125                 130                 135
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Val Cys Gln Cys Glu Glu Gly Thr Phe Arg Glu Glu Asp Ser Pro
140 145 150

Glu Met Cys Arg Lys Cys Arg Thr Gly Cys Pro Arg Gly Met Val
155 160 165

Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile Glu Cys Val His
170 175 180

Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala Ala Val Val
185 190 195

Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp Lys Lys
200 205 210

Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly Asp
215 220 225

Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp
230 235 240

Asn Val Leu Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val
245 250 255

Pro Glu Gln Glu Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly
260 265 270

Val Asn Met Leu Ser Pro Gly Glu Ser Glu His Leu Leu Glu Pro
275 280 285

Ala Glu Ala Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala
290 295 300

Asn Glu Gly Asp Pro Thr Glu Thr Leu Arg Gln Cys Phe Asp Asp
305 310 315

Phe Ala Asp Leu Val Pro Phe Asp Ser Trp Glu Pro Leu Met Arg
320 325 330

Lys Leu Gly Leu Met Asp Asn Glu Ile Lys Val Ala Lys Ala Glu
335 340 345

Ala Ala Gly His Arg Asp Thr Leu Tyr Thr Met Leu Ile Lys Trp
350 355 360

Val Asn Lys Thr Gly Arg Asp Ala Ser Val His Thr Leu Leu Asp
365 370 375

Ala Leu Glu Thr Leu Gly Glu Arg Leu Ala Lys Gln Lys Ile Glu
380 385 390

Asp His Leu Leu Ser Ser Gly Lys Phe Met Tyr Leu Glu Gly Asn
395 400 405

Ala Asp Ser Ala Xaa Ser
410

<210> 2
<211> 1799
<212> DNA
<213> Homo sapiens

<220>
<221> variation
<222> 1367
<223> w = Adenine, Thymine or Uracil

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gcgcccacaa aatacaccga cgatgcccga tctactttaa gggctgaaac 100

ccacgggcct gagagactat aagagcgttc cctaccgcca tggaacaacg 150

gggacagaac gccccggccg cttcgggggc ccggaaaagg cacggcccag 200

gacccaggga ggcgcgggga gccaggcctg ggctccgggt ccccaagacc 250

cttgtgctcg ttgtcgccgc ggtcctgctg ttggtctcag ctgagtctgc 300

tctgatcacc caacaagacc tagctcccca gcagagagcg gccccacaac 350

aaaagaggtc cagcccctca gagggattgt gtccacctgg acaccatatc 400

tcagaagacg gtagagattg catctcctgc aaatatggac aggactatag 450

cactcactgg aatgacctcc ttttctgctt gcgctgcacc aggtgtgatt 500

caggtgaagt ggagctaagt ccctgcacca cgaccagaaa cacagtgtgt 550

cagtgcgaag aaggcacctt ccgggaagaa gattctcctg agatgtgccg 600

gaagtgccgc acagggtgtc ccagagggat ggtcaaggtc ggtgattgta 650

caccctggag tgacatcgaa tgtgtccaca aagaatcagg catcatcata 700

ggagtcacag ttgcagccgt agtcttgatt gtggctgtgt ttgtttgcaa 750

gtctttactg tggaagaaag tccttcctta cctgaaaggc atctgctcag 800

gtggtggtgg ggaccctgag cgtgtggaca gaagctcaca acgacctggg 850

gctgaggaca atgtcctcaa tgagatcgtg agtatcttgc agcccaccca 900

ggtccctgag caggaaatgg aagtccagga gccagcagag ccaacaggtg 950

tcaacatgtt gtcccccggg gagtcagagc atctgctgga accggcagaa 1000

gctgaaaggt ctcagaggag gaggctgctg gttccagcaa atgaaggtga 1050

tcccactgag actctgagac agtgcttcga tgactttgca gacttggtgc 1100

cctttgactc ctgggagccg ctcatgagga agttgggcct catggacaat 1150

gagataaagg tggctaaagc tgaggcagcg ggccacaggg acaccttgta 1200

cacgatgctg ataaagtggg tcaacaaaac cgggcgagat gcctctgtcc 1250

acaccctgct ggatgccttg gagacgctgg gagagagact tgccaagcag 1300

aagattgagg accacttgtt gagctctgga aagttcatgt atctagaagg 1350

taatgcagac tctgccwtgt cctaagtgtg attctcttca ggaagtgaga 1400

ccttccctgg tttacctttt ttctggaaaa agcccaactg gactccagtc 1450

agtaggaaag tgccacaatt gtcacatgac cggtactgga agaaactctc 1500

ccatccaaca tcacccagtg gatggaacat cctgtaactt ttcactgcac 1550

ttggcattat ttttataagc tgaatgtgat aataaggaca ctatggaaat 1600

gtctggatca ttccgtttgt gcgtactttg agatttggtt tgggatgtca 1650

ttgttttcac agcacttttt tatcctaatg taaatgcttt atttatttat 1700

ttgggctaca ttgtaagatc catctacaaa aaaaaaaaaa aaaaaaaaag 1750

ggcggccgcg actctagagt cgacctgcag aagcttggcc gccatggcc 1799

<210> 3
<211> 70
<212> DNA
<213> Artificial sequence

<220>
<223> Sequence is synthesized

<400> 3
gggagccgct catgaggaag ttgggcctca tggacaatga gataaaggtg 50

gctaaagctg aggcagcggg 70

<210> 4
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Sequence is synthesized

<400> 4
atcagggact ttccgctggg gactttccg 29

<210> 5
<211> 30
<212> DNA
<213> Artificial sequence

<220>
<223> Sequence is synthesized

<400> 5
aggatgggaa gtgtgtgata tatccttgat 30

<210> 6
<211> 411
<212> PRT
<213> Homo sapiens

<400> 6

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Met Glu Gln Arg Gly Gln Asn Ala Pro Ala Ala Ser Gly Ala Arg
  1               5                  10                  15

Lys Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro
             20                  25                  30

Gly Leu Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val
         35                  40                  45

Leu Leu Leu Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp
     50                  55                  60

Leu Ala Pro Gln Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser
 65                  70                  75

Pro Ser Glu Gly Leu Cys Pro Pro Gly His His Ile Ser Glu Asp
             80                  85                  90

Gly Arg Asp Cys Ile Ser Cys Lys Tyr Gly Gln Asp Tyr Ser Thr
         95                 100                 105

His Trp Asn Asp Leu Leu Phe Cys Leu Arg Cys Thr Arg Cys Asp
    110                 115                 120

Ser Gly Glu Val Glu Leu Ser Pro Cys Thr Thr Thr Arg Asn Thr
125                 130                 135

Val Cys Gln Cys Glu Glu Gly Thr Phe Arg Glu Glu Asp Ser Pro
            140                 145                 150

Glu Met Cys Arg Lys Cys Arg Thr Gly Cys Pro Arg Gly Met Val
        155                 160                 165

Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile Glu Cys Val His
    170                 175                 180

Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala Ala Val Val
185                 190                 195

Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp Lys Lys
            200                 205                 210

Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly Asp
        215                 220                 225

Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp
    230                 235                 240

Asn Val Leu Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val
245                 250                 255
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Pro Glu Gln Glu Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly
260 265 270

Val Asn Met Leu Ser Pro Gly Glu Ser Glu His Leu Leu Glu Pro
275 280 285

Ala Glu Ala Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala
290 295 300

Asn Glu Gly Asp Pro Thr Glu Thr Leu Arg Gln Cys Phe Asp Asp
305 310 315

Phe Ala Asp Leu Val Pro Phe Asp Ser Trp Glu Pro Leu Met Arg
320 325 330

Lys Leu Gly Leu Met Asp Asn Glu Ile Lys Val Ala Lys Ala Glu
335 340 345

Ala Ala Gly His Arg Asp Thr Leu Tyr Thr Met Leu Ile Lys Trp
350 355 360

Val Asn Lys Thr Gly Arg Asp Ala Ser Val His Thr Leu Leu Asp
365 370 375

Ala Leu Glu Thr Leu Gly Glu Arg Leu Ala Lys Gln Lys Ile Glu
380 385 390

Asp His Leu Leu Ser Ser Gly Lys Phe Met Tyr Leu Glu Gly Asn
395 400 405

Ala Asp Ser Ala Leu Ser
410

<210> 7
<211> 76
<212> PRT
<213> Homo sapiens

<400> 7
Phe Ala Asp Leu Val Pro Phe Asp Ser Trp Glu Pro Leu Met Arg
1 5 10 15

Lys Leu Gly Leu Met Asp Asn Glu Ile Lys Val Ala Lys Ala Glu
20 25 30

Ala Ala Gly His Arg Asp Thr Leu Tyr Thr Met Leu Ile Lys Trp
35 40 45

Val Asn Lys Thr Gly Arg Asp Ala Ser Val His Thr Leu Leu Asp
50 55 60

Ala Leu Glu Thr Leu Gly Glu Arg Leu Ala Lys Gln Lys Ile Glu
65 70 75

Asp

<210> 8

<211> 76
<212> PRT
<213> Homo sapiens

<400> 8
Phe Ala Asn Ile Val Pro Phe Asp Ser Trp Asp Gln Leu Met Arg
1 5 10 15

Gln Leu Asp Leu Thr Lys Asn Glu Ile Asp Val Val Arg Ala Gly
20 25 30

Thr Ala Gly Pro Gly Asp Ala Leu Tyr Ala Met Leu Met Lys Trp
35 40 45

Val Asn Lys Thr Gly Arg Asn Ala Ser Ile His Thr Leu Leu Asp
50 55 60

Ala Leu Glu Arg Met Glu Glu Arg His Ala Lys Glu Lys Ile Gln
65 70 75

Asp

<210> 9
<211> 74
<212> PRT
<213> Homo sapiens

<400> 9
Val Met Asp Ala Val Pro Ala Arg Arg Trp Lys Glu Phe Val Arg
1 5 10 15

Thr Leu Gly Leu Arg Glu Ala Glu Ile Glu Ala Val Glu Val Glu
20 25 30

Ile Gly Arg Phe Arg Asp Gln Gln Tyr Glu Met Leu Lys Arg Trp
35 40 45

Arg Gln Gln Gln Pro Ala Gly Leu Gly Ala Val Tyr Ala Ala Leu
50 55 60

Glu Arg Met Gly Leu Asp Gly Cys Val Glu Asp Leu Arg Ser
65 70

<210> 10
<211> 78
<212> PRT
<213> Homo sapiens

<400> 10
Val Val Glu Asn Val Pro Pro Leu Arg Trp Lys Glu Phe Val Arg
1 5 10 15

Arg Leu Gly Leu Ser Asp His Glu Ile Asp Arg Leu Glu Leu Gln
20 25 30

Asn Gly Arg Cys Leu Arg Glu Ala Gln Tyr Ser Met Leu Ala Thr
35 40 45

Trp Arg Arg Arg Thr Pro Arg Arg Glu Ala Thr Leu Glu Leu Leu
50 55 60

Gly Arg Val Leu Arg Asp Met Asp Leu Leu Gly Cys Leu Glu Asp
65 70 75

Ile Glu Glu

<210> 11
<211> 77
<212> PRT
<213> Homo sapiens

<400> 11
Ile Ala Gly Val Met Thr Leu Ser Gln Val Lys Gly Phe Val Arg
1 5 10 15

Lys Asn Gly Val Asn Glu Ala Lys Ile Asp Glu Ile Lys Asn Asp
20 25 30

Asn Val Gln Asp Thr Ala Glu Gln Lys Val Gln Leu Leu Arg Asn
35 40 45

a' Cont

Trp His Gln Leu His Gly Lys Lys Glu Ala Tyr Asp Thr Leu Ile
50 55 60

Lys Asp Leu Lys Lys Ala Asn Leu Cys Thr Leu Ala Glu Lys Ile
65 70 75

Gln Thr